

Claim Listing

The following claim listing, including status identifiers, will replace all prior versions and listings of claims in the application.

1. (Previously Presented) A genetically engineered fluorescent protein comprising a fluorescent protein which incorporates by insertion a protease cleavage site into a single fluorescent protein, cleavage of said fluorescent protein at said cleavage site by a protease causing the alteration of at least one of an emission and an excitation spectra of said fluorescent protein, said fluorescent protein having SEQ ID NO: 41.

2. (Original) A fluorescent protein according to claim 1, being a green fluorescent protein.

3. Cancelled.

4. (Previously Presented) A fluorescent protein according to claim 2, wherein said cleavage site is inserted between β -sheet pairs number 9 and 10.

5. Cancelled.

6. Cancelled.

7. (Previously Presented) A fluorescent protein according to claim 1, said cleavage site having the sequence of SEQ ID NO: 4.

8-24. Cancelled.

25. (Original) A fluorescent protein according to claim 1, said protease being a caspase.

26. (Original) A fluorescent protein according to claim 25, said caspase being selected from the group consisting of caspase-3, caspase-6, caspase 7, caspase-8 and caspase-9.

27-39. Cancelled.